

INTERNATIONAL SEARCH REPORT

PCT/GB2005/000566

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L15/60 A61L17/06 A61L27/22 A61L15/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L A61K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 5 733 563 A (FORTIER ET AL) 31 March 1998 (1998-03-31) column 1, line 10 - line 16 column 4, line 18 - line 30 column 8, line 54 - line 60 claims 1-5,12	1,3-12, 18,21, 22,24-29
X	US 2003/211137 A1 (SIERRA DAVID) 13 November 2003 (2003-11-13) page 1, paragraph 11 page 1, paragraph 17 - page 2, paragraph 19 page 3, paragraph 32 page 3, paragraph 34 - paragraph 37 claims 1-28	1-13,18, 21-29, 54-56

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

28 July 2005

Date of mailing of the international search report

10/08/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 412 076 A (GAGNIEU ET AL) 2 May 1995 (1995-05-02) column 1, line 35 - line 53 column 2, line 21 - line 48 column 4, line 11 - line 36 column 5, line 66 - column 10, line 44 examples 10,11 -----	30,31, 34-47, 50-52, 57-63
X	WO 99/66964 A (SURGICAL SEALANTS, INCORPORATED; TAMMISHETTI, SHEKHARAM; PENDHARKAR, S) 29 December 1999 (1999-12-29) cited in the application the whole document -----	30-42, 57,59-62
X	EP 0 807 441 A (NYCOMED IMAGING AS) 19 November 1997 (1997-11-19) column 3, line 31 - column 4, line 6 column 4, line 30 - line 56 column 5, line 40 - line 46 claims 1-15 -----	30-41, 53,57-63
E	WO 2005/063311 A (SANGUIBIO TECH GMBH; TESLENKO, ALEXANDER; NIKONOW, BORIS ALEKSEEVICH;) 14 July 2005 (2005-07-14) page 7, line 20 - page 8, line 29 page 14, line 23 - page 15, line 3 claims 1-6 -----	1,3-8, 14,15, 18,21, 22,24-29

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 42-45, 47, 51-53, 57-63 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5733563	A	31-03-1998	AT 215106 T AU 1060495 A WO 9515352 A1 DE 69430243 D1 DE 69430243 T2 DK 705298 T3 EP 0705298 A1 ES 2172573 T3 PT 705298 T	15-04-2002 19-06-1995 08-06-1995 02-05-2002 17-10-2002 08-07-2002 10-04-1996 01-10-2002 31-07-2002
US 2003211137	A1	13-11-2003	AT 258808 T AU 4164401 A CA 2399211 A1 DE 60101956 D1 DE 60101956 T2 EP 1257304 A1 JP 2003523409 T	15-02-2004 03-09-2001 30-08-2001 11-03-2004 23-12-2004 20-11-2002 05-08-2003
US 5412076	A	02-05-1995	FR 2692582 A1 AT 160798 T DE 69315483 D1 DE 69315483 T2 EP 0575273 A1 ES 2113511 T3 JP 6080935 A	24-12-1993 15-12-1997 15-01-1998 02-07-1998 22-12-1993 01-05-1998 22-03-1994
WO 9966964	A	29-12-1999	AU 4711599 A CA 2335952 A1 EP 1089769 A1 JP 2002518135 T WO 9966964 A1 US 2005079999 A1 US 2004072756 A1 US 2004063613 A1 US 2005037960 A1 US 2002022588 A1	10-01-2000 29-12-1999 11-04-2001 25-06-2002 29-12-1999 14-04-2005 15-04-2004 01-04-2004 17-02-2005 21-02-2002
EP 0807441	A	19-11-1997	EP 0807441 A2 AT 133158 T AT 157547 T AU 663488 B2 AU 1428392 A AU 663866 B2 AU 1443992 A AU 701817 B2 AU 4094196 A BR 1100808 A3 CA 2107106 A1 CA 2107107 A1 DE 69207758 D1 DE 69207758 T2 DE 69222037 D1 DE 69222037 T2 DK 576521 T3 WO 9217213 A1 WO 9217436 A1 EP 0577659 A1 EP 0576521 A1	19-11-1997 15-02-1996 15-09-1997 12-10-1995 02-11-1992 26-10-1995 02-11-1992 04-02-1999 04-04-1996 28-12-1999 29-09-1992 29-09-1992 29-02-1996 20-06-1996 09-10-1997 15-01-1998 20-04-1998 15-10-1992 15-10-1992 12-01-1994 05-01-1994

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0807441	A	ES 2082459 T3	16-03-1996
		ES 2106857 T3	16-11-1997
		FI 934227 A	27-09-1993
		FI 934228 A	27-09-1993
		GR 3025333 T3	27-02-1998
		HK 1002624 A1	04-09-1998
		HK 1003569 A1	30-10-1998
		IE 921010 A1	07-10-1992
		IE 980188 A1	23-02-2000
		JP 6505981 T	07-07-1994
		JP 6508108 T	14-09-1994
		NO 933430 A	08-11-1993
		NO 933432 A	27-09-1993
		SG 47687 A1	17-04-1998
		US 2003031629 A1	13-02-2003
		US 5529766 A	25-06-1996
		US 5919753 A	06-07-1999
		US 2004131549 A1	08-07-2004
WO 2005063311	A	RU 2240830 C1	27-11-2004
	14-07-2005	WO 2005063311 A1	14-07-2005

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
for the purpose of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to International application No PCT/GB2005/000566

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization day, month and year of filing, any application for a patent of inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Application: GB 0403406.2 Filed 17 February 2004

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. & 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Citizenship: Iraqi

Inventor's Signature:  Date: 24/03/05

**Declaration as to the Applicant's Entitlement
to Apply for and Be Granted a Patent**

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51*bis*.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to International application No PCT/GB2005/000566,

Advanced Protein Systems Limited is entitled to apply for and be granted a patent by virtue of the following:

- (i) Roy HARRIS of 48 Chaworth Road, Bingham, Nottingham, NG13 8EU, United Kingdom and Wael NASI, of 121 Althorpe Drive, Loughborough, Leicestershire, LE11 4QT, United Kingdom are the joint inventors of the subject matter for which protection is sought by way of the International application
- (ii) Advanced Protein Systems Limited was entitled as employer of the inventors, Roy HARRIS and Wael NASI
- (iii) this declaration is made for the purposes of all designations except the designation of the United State of America.

Signed
JONES, Stephen Anthony
Authorised Representative

Date: 29 / 3 / 2005